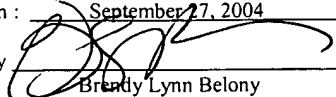


09-28-04

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Filed Via Express Mail
Rec. No.: EL979038795US
On : September 27, 2004
By : 
Brandy Lynn Belony

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Takeshi OKAZAWA
Serial No. : 10/690,287
Filed : October 21, 2003
Title : MRAM AND DATA WRITING....

September 27, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

SIR:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and a copy of the non US documents (if any) listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

Also attached is a copy of the Partial European Search Report dated July 2, 2004 from the corresponding European Patent Application. All of the documents listed in Form PTO-1449 appear in the European Search Report. The European Search Report explains the relevancy of the documents listed in the Form PTO-1449.

Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

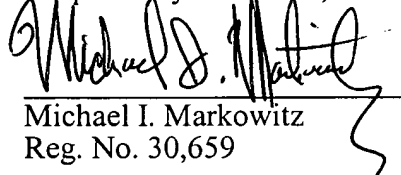
The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

As this statement is being filed prior to issuance of a first Office Action, no fee is due.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,


Michael I. Markowitz
Reg. No. 30,659

Customer Number: 026304
Docket No: NEC 20.688

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

U.S. Department of Commerce
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Application No.	:
Filing Date	:
First Named Inventor:	T. OKAZAWA
Group Art Unit	:
Examiner Name	:
Attorney Docket No.	: NEC 20.688

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		6,335,890 B1		REOHR et al.	01-01-2002	
		2002/0176272 A1		DeBROSSE et al.	11-28-2002	
		2002/0034117 A1		OKAZAWA	03-21-2002	

[illegible]

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		Partial European Search Report dated July 2, 2004	
Examiner Signature	Date Considered		

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 *Unique citation designation number. ¹ See attached Kinds of U.S. Patent Documents. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1.⁴ if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

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